12/19/86 A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended December 12, 1986 NO. 50

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/12/86	Last Week Ending: 12/05/86	Last Year Week Ending: 12/13/85	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,907	13,085	12,623	-178	284
Operable capacity	15,594	15,594	15,638	0	-44
Percent operated	82.8	83.9	80.7		
Motor Gasoline					
Total motor gasoline production	6,786	6,817	6,759	-31	27
Finished leaded motor gasoline production	1,914	1,969	2,361	-55	-447
Finished unleaded motor gasoline production	4,872	4,848	4,398	24	474
Total motor gasoline stocks	228,122	228,523	220,429	-401	7,693
Finished leaded motor gasoline stocks	65,773	65,939	76,316	-166	-10,543
Finished unleaded motor gasoline stocks	123,552	124,597	109,234	-1,045	14,318
Jet Fuel Kerosine					
Jet fuel kerosine production	1,167	1,280	1,038	-113	129
Jet fuel kerosine stocks	42,081	42,150	36,316	-69	5,765
Distillate Fuel Oil					
Distillate fuel oil production	2,908	2,942	3,041	-34	-133
Distillate fuel oil stocks	152,750	151,649	141,617	1,101	11,133
Residual Fuel Oil					
Residual fuel oil production	975	954	977	21	-2
Residual fuel oil stocks	45,390	45,771	48,895	-381	-3,505
Imports					
Crude oil imports	5,033	4,300	3,472	733	1,561
Product imports	1,764	2,165	1,918	-401	-154
Crude Oil Stocks					
Crude oil stocks	345,877	342,021	320,537	3,856	25,340

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,292	1,128	1,136	1,346	84.4
Appal. No. 1	102	90	91	108	84.3
DISTRICT 1 TOTAL	1,394	1,218	1,227	1,454	84.4
Appal. No. 2	8	4	4	66	6.1
Ind., Ill., Ky.	2,020*	1,873*	1,895*	2,210	85.7*
Minn., Wis., Daks.	308	297	297	322	92.2
Okla., Kans., Mo.	719	653	664	726	91.5
DISTRICT 2 TOTAL	3,055*	2,827*	2,860*	3,324	86.0*
Inland Texas	512	434	453	568	79.8
Texas Gulf Coast	3,443	3,022	3,061	3,738	81.9
La. Gulf Coast	2,379	2,308	2,315	2,578	89.8
N. La. and Ark.	180	175	179	258	69.4
New Mexico	69	64	69	79	87.3
DISTRICT 3 TOTAL	6,583	6,003	6,077	7,221	84.2
DISTRICT 4 TOTAL	441	415	422	527	80.1
DISTRICT 5 TOTAL	2,353*	2,279*	2,321*	3,068	75.7*
TOTAL U.S.	13,826	12,742	12,907	15,594	82.8
TOTAL U.S. Weeks Ended:					
DEC. 5, 1986	14,418*	12,964*	13,085*	15,594	83.9*
DEC. 13, 1985	13,609	12,439	12,623	15,638	80.7
DISTRICTS 1-4 Weeks Ended:					
DEC. 12, 1986	11,473	10,463	10,586	12,526	84.5
DEC. 5, 1986	11,865*	10,572*	10,676*	12,526	85.2*
DEC. 13, 1985	11,308	10,164	10,346	12,623	82.0

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 12, 1986

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	620	110	510	33	59	196	144
Appal. No. 1	37	8	29	--	--	18	5
DISTRICT 1 TOTAL	657	118	539	33	59	214	149
Appal. No. 2	21	10	11	--	--	1	1
Ind., Ill., Ky.	1,120*	293*	827*	10	122	436*	53
Minn., Wis., Daks.	149	39	110	3	11	73	11
Okla., Kans., Mo.	435	190	245	7	28	206	8
DISTRICT 2 TOTAL	1,725*	532*	1,193*	20	161	716*	73
Inland Texas	275	129	146	29	27	117	19
Texas Gulf Coast	1,559*	421*	1,138	56	270	795	164
La. Gulf Coast	1,156	292	864	16	306	528	160
N. La. and Ark.	57	17	40	6	2	50	7
New Mexico	38	16	22	11	1	15	--
DISTRICT 3 TOTAL	3,085*	875*	2,210	118	606	1,505	350
DISTRICT 4 TOTAL	260	102	158	14	24	88	12
DISTRICT 5 TOTAL	1,059	287	772	29	317	385	391
TOTAL U.S.	6,786	1,914	4,872	214	1,167	2,908	975
TOTAL U.S. Weeks Ended:							
DEC. 5, 1986	6,817*	1,969*	4,848*	203	1,280	2,942*	954
DEC. 13, 1985	6,759	2,361	4,398	217	1,038	3,041	977
DISTRICTS 1-4 Weeks Ended:							
DEC. 12, 1986	5,727	1,627	4,100	185	850	2,523	584
DEC. 5, 1986	5,794*	1,643*	4,151*	140	954	2,536*	555
DEC. 13, 1985	5,776	2,073	3,703	161	800	2,629	606

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended December 12, 1986

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,557	1,159	3,397	1	78	548	9,799	1,072	--
Central Atlantic	27,951	6,844	16,702	4,405	476	5,590	42,729	17,062	12,545
Lower Atlantic	32,047	10,386	21,296	365	687	4,827	17,086	3,137	593
DISTRICT 1 TOTAL	64,555	18,389	41,395	4,771	1,241	10,965	69,614	21,271	13,138
DISTRICT 2 TOTAL	61,763	20,975	32,660	8,128	1,101	9,001	35,262	3,448	14,199
DISTRICT 3 TOTAL	65,617*	15,956	33,387	16,274*	2,425	15,127	34,013	11,318	49,507
DISTRICT 4 TOTAL	6,583	2,382	2,398	1,803	424	763	2,789	367	2,063
DISTRICT 5 TOTAL	29,604	8,071	13,712	7,821	1,989	6,225	11,072	8,986	20,931
TOTAL U.S.	228,122	65,773	123,552	38,797	7,180	42,081	152,750	45,390	99,838
TOTAL U.S.									
Weeks Ended:									
DEC. 5, 1986	228,523*	65,939	124,597	37,987*	6,957	42,150	151,649	45,771	100,570
DEC. 13, 1985	220,429	76,316	109,234	34,879	6,490	36,316	141,617	48,895	109,972
DISTRICTS 1-4									
Weeks Ended:									
DEC. 12, 1986	198,518	57,702	109,840	30,976	5,191	35,856	141,678	36,404	78,907
DEC. 5, 1986	198,908*	57,676	110,806	30,426*	4,822	35,954	140,368	36,133	80,117
DEC. 13, 1985	193,503	68,129	97,614	27,760	4,753	31,952	130,272	39,288	87,426

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended December 12, 1986

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1986	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
DEC. 12, 1986	5,437.3	5,601.0	4,962	558	267,311
DEC. 5, 1986	5,448.3*	--	4,010	584	266,896#
NOV. 28, 1986	5,448.3*	--	3,342	508	267,957
NOV. 21, 1986	5,448.3*	--	4,327	581	268,623
DISTRICT 5 TOTAL					
DEC. 12, 1986	2,973.7	3,018.0	71	13	78,566 ‡
DEC. 5, 1986	3,010.3*	--	290	--	75,125
NOV. 28, 1986	3,010.3*	--	49	35	78,407
NOV. 21, 1986	3,010.3*	--	341	--	75,262
TOTAL U.S.					
DEC. 12, 1986	8,411.0	8,619.0	5,033	571	345,877 ‡
DEC. 5, 1986	8,458.6*	--	4,300	584	342,021#
NOV. 28, 1986	8,458.6*	--	3,391	543	346,364
NOV. 21, 1986	8,458.6*	--	4,668	581	343,885
DEC. 13, 1985	9,030.0a/	--	3,472	560	320,537

‡INCLUDES 24,540 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1985.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
DEC. 12, 1986	15,828	77,353	162,316	11,814	267,311	78,566 ‡	345,877 ‡
DEC. 5, 1986	16,132	76,404	162,604#	11,756	266,896#	75,125	342,021#
DEC. 13, 1985	15,432	67,116	150,787	11,967	245,302	75,235	320,537

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 12, 1986.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	Unfinished Oils L.P.G.	Unfinished Oils Other	Total
New England	--	--	--	--	--	--	--	71	2	--	--	73
Central Atlantic	260	3	257	59	--	36	61x	647x	18	59	25	1,165x
Lower Atlantic	--	--	--	--	--	7	--	--	--	--	--	7
DISTRICT 1 TOTAL												
DEC. 12, 1986	260	3	257	59	--	43	61	718	20	59	25	1,245
DEC. 5, 1986	243	24	219	42	8	8	231x	802x	68	60	51	1,513x
NOV. 28, 1986	94	--	94	56	8	39	279	498	50	48	49	1,121
NOV. 21, 1986	346	42	304	48	6	42	162	618	70	92	68	1,452
DISTRICTS 2-4 TOTAL												
DEC. 12, 1986	14	--	14	9	--	5	4	28	151	61	150	422
DEC. 5, 1986	12	1	11	10	--	1	15	35	245	63	166	547
NOV. 28, 1986	7	--	7	10	--	39	12	26	217	50	237	598
NOV. 21, 1986	18	2	16	8	2	9	8	50	353	96	103	647
DISTRICT 5 TOTAL												
DEC. 12, 1986	33	1	32	15	--	5	1	36	6	1	--	97
DEC. 5, 1986	29	5	24	16	--	3	6	43	6	2	--	105
NOV. 28, 1986	16	--	16	16	--	41	5	34	8	2	--	122
NOV. 21, 1986	41	10	31	18	--	37	13	40	11	4	--	164
TOTAL U.S.	307	4	303	83	--	53	66	782	177	121	175	1,764
TOTAL U.S. Weeks Ended:												
DEC. 5, 1986	284	30	254	68	8	12	252x	880x	319	125	217	2,165x
NOV. 28, 1986	117	--	117	82	8	119	296	558	275	100	286	1,841
NOV. 21, 1986	405	54	351	74	8	88	183	708	434	192	171	2,263
DEC. 13, 1985	263	47	216	N/A	--	43	288	702	205	279	138	1,918

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	November 1986	October 1986	July 1986
Florida	26.0	29.0	26.0
New York-Pennsylvania	16.0	16.0	16.0
Virginia	-	-	-
West Virginia	9.0	10.0	9.0
Illinois	73.0	78.0	72.0
Indiana	12.0	13.0	17.0
Kansas	179.0	190.0	181.0
Kentucky	18.0	19.0	18.0
Michigan	70.0	74.0	70.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	18.0	19.0	18.0
Ohio	41.0	41.0	41.0
Oklahoma	395.0	395.0	396.0
North Dakota	125.0	128.0	122.0
South Dakota	4.0	4.0	4.0
Alabama	56.0	58.0	57.0
Arkansas	49.0	50.0	47.0
Mississippi	79.0	80.0	81.0
New Mexico-So. East	179.2	183.5	180.0
New Mexico-Other	21.1	26.5	23.0
North Louisiana	80.0	85.0	78.0
South Louisiana	1,291.0	1,300.0	1,316.0
Total Louisiana	1,371.0	1,385.0	1,394.0
Texas			
District 1	53.0	55.0	63.0
District 2	86.0	89.0	94.0
District 3	275.0	279.0	287.0
District 4	67.0	68.0	77.0
District 5	20.0	20.0	32.0
District 6, East Texas Field	107.0	108.0	120.0
Other	93.0	94.0	107.0
District 7-B	73.0	75.0	89.0
District 7-C	77.0	76.0	93.0
District 8 and 8-A	1,137.0	1,144.0	1,150.0
District 9	87.0	88.0	93.0
District 10	35.0	36.0	48.0
Total Texas	2,110.0	2,132.0	2,253.0
Colorado	75.0	80.0	76.0
Montana	77.0	78.0	83.0
Utah	108.0	113.0	104.0
Wyoming	335.0	342.0	311.0
Total Dists. 1-4	5,448.3	5,546.0	5,601.0
Alaska	1,877.9	1,922.1	1,903.0
Arizona	0.4	0.5	-
California	1,125.0	1,160.0	1,108.0
Nevada	7.0	8.0	7.0
Total Dist. 5	3,010.3	3,090.6	3,018.0
Total U.S.	8,458.6	8,636.6	8,619.0

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 12, 1986

REVISIONS

12/05/86	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY	2,095
			DISTRICT 2 TOTAL	3,183
			DISTRICT 5 TOTAL	2,553
			TOTAL U.S.	14,418
			DISTRICTS 1-4	11,865
		CRUDE OIL RUNS	IND., ILL., KY	1,903
			DISTRICT 2 TOTAL	2,921
			DISTRICT 5 TOTAL	2,392
			TOTAL U.S.	12,964
			DISTRICTS 1-4	10,572
		INPUT TO CRUDE OIL	IND., ILL., KY	1,932
			DISTRICT 2 TOTAL	2,956
			DISTRICT 5 TOTAL	2,409
			TOTAL U.S.	13,085
			DISTRICTS 1-4	10,676
		% OPERABLE	IND., ILL., KY	87.4
			DISTRICT 2 TOTAL	88.9
			DISTRICT 5 TOTAL	78.5
			TOTAL U.S.	83.9
			DISTRICTS 1-4	85.2
	PAGE 2	TOTAL MGAS	IND., ILL., KY	1,099
			DISTRICT 2 TOTAL	1,654
			TEXAS GULF COAST	1,621
			DISTRICT 3 TOTAL	3,248
			TOTAL U.S.	6,817
			DISTRICTS 1-4	5,794
		LEADED MGAS	IND., ILL., KY	254
			DISTRICT 2 TOTAL	459
			TEXAS GULF COAST	439
			DISTRICT 3 TOTAL	923
			TOTAL U.S.	1,969
			DISTRICTS 1-4	1,643
		UNLEADED MGAS	IND., ILL., KY	845
			DISTRICT 2 TOTAL	1,195
			TOTAL U.S.	4,848
			DISTRICTS 1-4	4,151
		DISTILLATE FUEL	IND., ILL., KY	434
			DISTRICT 2 TOTAL	714
			TOTAL U.S.	2,942
			DISTRICTS 1-4	2,536
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	64,743
			TOTAL U.S.	228,523
			DISTRICTS 1-4	198,908
		BLENDING COMPS	DISTRICT 3 TOTAL	15,832
			TOTAL U.S.	37,987

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 12, 1986

REVISIONS

			DISTRICTS 1-4	30,426
PAGE 4	T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	266,896
			TOTAL U.S.	342,021
PAGE 4	B	TOTAL	PAD DISTRICT 3	162,604
			TOTAL PAD DISTRICTS 1-4	266,896
			TOTAL U.S.	342,021
PAGE 5		DISTILLATE (INC. NO. 4)	CENTRAL ATLANTIC	153
			DISTRICT 1 TOTAL	231
			TOTAL U.S.	252
		RESIDUAL FUEL	CENTRAL ATLANTIC	421
			DISTRICT 1 TOTAL	802
			TOTAL U.S.	880
		TOTAL	CENTRAL ATLANTIC	875
			DISTRICT 1 TOTAL	1,513
			TOTAL U.S.	2,165